

Application No. 10/595,342
Amendment Dated November 25, 2009
Reply to Office Action of September 10, 2009

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-28 (Cancelled)

Claim 29 (New) A modular reel device configured to support a coilable body, the modular reel device comprising:

a pair of opposing end flanges, each opposing end flange comprising a flange sector and a flange segment that is separably connected to the flange sector;

an inner cylindrical center portion having a first diameter and comprising a first plurality of cylinder segments separably connected together in series;

an outer cylindrical center portion having a second diameter that is greater than the first diameter and comprising a second plurality of cylinder segments separably connected together in series, wherein second plurality of cylinder segments is greater than the first plurality of cylinder segments;

wherein the pair of opposing end flanges are each separably connectable to the inner cylindrical center portion and to the outer cylindrical center portion.

Claim 30 (New) A modular reel device of claim 29, wherein each opposing end flange has an inner face that is configured to mate with and separably connect to an end of the inner cylindrical center portion and an end of the outer cylindrical center portion.

Claim 31 (New) A modular reel device according to claim 30, wherein the inner face of each opposing end flange has a first plurality of notches spaced apart along an inner pitch circle about a central axis of the respective end flange and a second plurality of notches distributed along an outer pitch circle about the central axis of the respective end flange; wherein the outer pitch circle has a radius greater than the inner pitch circle.

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Claim 32 (New) A modular reel device according to claim 31, wherein each end of the inner cylindrical center portion comprises fastening hooks configured to mate with notches in the inner pitch circle and wherein each end of the outer cylindrical center portion comprises fastening hooks configured to mate with notches in the outer pitch circle.

Claim 33 (New) A modular reel device of claim 32, wherein both the flange sector and the flange segment are connectable to the inner cylindrical center portion when each end of the inner cylindrical center portion is connectable to the opposing end flanges and wherein both the flange sector and the flange segment are connectable to the outer cylindrical center portion when each end of the outer cylindrical center portion is connectable to the opposing end flanges.

Claim 34 (New) A modular reel device according to claim 33, wherein the flange sector and the flange segment are connected together by a splice connection.

Claim 35 (New) A modular reel device according to claim 34, wherein each flange sector comprises a series of triangular flange portions, the triangular flange portions defining notches in the first plurality of notches.

Claim 36 (New) A modular reel device according to claim 35, wherein each flange sector defines part of a central portion of a respective end flange that defines an aperture in the end flange.

Claim 37 (New) A modular reel device according to claim 36, wherein the flange segment defines a rolling surface and defines notches in the second plurality of notches.

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Claim 38 (New) A modular reel device according to claim 29, wherein the plurality of cylinder segments are connected by dovetail connections.

Claim 39 (New) A modular reel device according to claim 29, wherein the first and second pluralities of cylinder segments are interconnected, respectively, by screw-bolt-joints.

Claim 40 (New) A modular reel device according to claim 29, wherein the first and second pluralities of cylinder segments are connectable to the opposing end flanges by fastening hooks.